L 2777-66   EWT(d)/EED-2/EWP(1)   IJP(c)   BB/GG

ACCESSION NR: AP5022019   UR/0286/65/000/014/0088/0089
                                                       681.142.07   33
                                                                                      3/
AUTHOR: Vishnevskiy, A. P.; Koyfman, A. A.   B

TITLE: A parallel cumulative decimal summation unit.   Class 42, No. 173034

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 14, 1965, 88-89

TOPIC TAGS: computer component, computer storage device, adder, arithmetic unit

ABSTRACT: This Author's Certificate introduces a parallel cumulative decimal sum-
mation unit based on a pulse-position element. The unit contains an inverter with
a three-input OR gate at the input, a storage element, a comparator, a squegging
oscillator and a carry circuit. The summation unit is simplified by connecting the
pulse source for the numbers to be added to the first input of the OR gate. The
number pulses are transmitted in sequence, the digits being given in unitary code.
The code pulses are shifted by $\frac{1}{2}$ a period with respect to the cadence pulses. The
two remaining inputs of the OR gate are connected to the cadence pulse source and
to the output of the pulse shaper which generates the carry pulse for the following
least significant digit. The output from the OR gate is connected to the inverter
of the pulse-position element. This inverter is based on an n-p-n transistor. The

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2

squegging oscillator output windings which generate the direct code pulse are con-
nected through diodes to the first readout winding of the first toroidal transformer
and to the first recording winding of the second transformer in the pulse shaper.
The cores of these transformers are made from a ferromagnetic material with rectan-
gular hysteresis loop. The squegging oscillator winding which generates the rever-
tive code pulse is connected to the first recording winding of the first transform-
er. The second readout winding of the first transformer is connected to a source
of pulses which are shifted by $\frac{1}{3}$ of a period with respect to the reference pulse
train. The output winding of the first core is connected to the second recording
winding of the second transformer through an isolating circuit which contains a re-
sistor and diodes. The readout winding of the second transformer is connected to a
source of pulses which are shifted by $\frac{2}{3}$ of a period with respect to the reference
pulse train. The output winding is connected to the input of the OR gate for the
following digital place through an isolating circuit consisting of a resistor and
diodes.

ASSOCIATION: Institut matematiki SO AN SSSR (Institute of Mathematics, SO AN SSSR) 44
SUBMITTED: 16Jun64   ENCL: 01   SUB CODE: DP, EC
NO REF SOV: 000   OTHER: 000

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L 2777-66

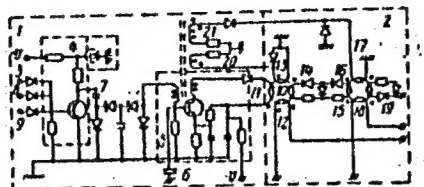ACCESSION NR: AP5022019

ENCLOSURE: 01

Fig. 1. 1--pulse position element; 2--carry pulse shaper; 3--thermal pulse input; 4--shaper amplifier; 5--squegging oscillator; 6--dynamic input for numeral recording; 7--counting input for the storage circuit; 8--counting input to the cell; 9--input for a unit of carry; 10--ring with rectangular hysteresis loop; 11 and 12----readout windings; 13--recording winding; 14--output winding; 15--ring with rectangular hysteresis loop; 16 and 17--recording windings; 18--readout windings; 19--carry pulse output winding; 20 and 21--output windings from the squegging oscillator

Card 3/3 md

IVANOV,I.T., kand.tekhn.nauk; KHANIN,G.F.,inzh.; DUMASHOV,Yu.F.,
inzh.; KOLODEY,A.P., inzh.; IVANOV,V.P., inzh.; VEKSLER,Z.Ya.,
KRYUKOV,A.A., inzh.; SEMENENKO,V.A., inzh.; VISHNEVETSKIY,I.M.,
inzh.; SHTREMEL',G.Kh., inzh.; MARCHENKO,V.T., inzh.spets.red.;
SMIRNOVA,R.N., red. izd-va; NAZAROVA,A.S.,tekhn. red.

[Technical specifications for conducting and inspecting general
and special construction work in the capital repair of apartment
houses]Tekhnicheskie usloviia na proizvodstvo i priemku obshche-
stroitel'nykh i spetsial'nykh rabot pri kapital'nom remonte zhi-
lykh domov. Moskva, 1960. 447 p.   (MIRA 15:4)
1. Russia (1917- R.S.F.S.R.)Ministerstvo kommunal'nogo kho-
zyaystva.
        (Apartment houses—Maintenance and repair)

VISHNEVKIN, D., inzh.

A man, a rock, and a hammer. Izobr. i rats. no.11:33-34 N '60.
(MIRA 13:10)

1. Predsedatel' pervichnoy organizatsii Vsesoyuznogo obshchestva
izobretateley i ratsionalizatorov Bakinskogo stroitel'no-montazhnogo
tresta.
(Road construction--Technological innovations)

VISHNEVSKAYA, A. A., Cand Med Sci -- (diss) "Clinical aspect, therapy, and prophylaxis of cerebral asthenia in the remote period of closed cranial-cerebral trauma in children." Moscow, 1960. 15 pp; (Academy of Medical Sciences USSR, Order of Labor Red Banner Inst of Pediatrics,; 350 copies; price not given; (KL, 21-60, 129)

VISHNEVSKAYA, A.A.

OSIPOVA, ...; KHEYFITS, L.A.; VISHNEVSKAYA, A.A.; MOLDOVANSKAYA, G.I.

Increasing the stability of fragrant substances. Report No.1.   Report No.1.
Trudy VNIISNDV no.2:95-102 '54.   (MIRA 10:7)
(Odorous substances)

All come in ... ...

... ...

SAMOYLOV, A.N., inzh.; VISHNEVETSKAYA, E.I.

Economic efficiency of the ND-1250 extraction unit. Masl.-zhir.
prom. 27 no.6:39-40 Je '61.   (MIRA 14:6)

1. Armavirskiy maslozhirevoy kombinat.
          (Armavir--Extraction apparatus)

VISHNEVSKAYA, G.I.; KHASKIN, I.G.; BUTLEROVSKIY, M.A.; YAGUPOL'SKIY, L.M.;
    LITVINCHUK, O.D.; YAKOVLEVA, V.Ya.; GORBUNOVA, A.D.; KIRIYENKO, S.S.

Preparation of syntomycin by dichloroacetylation of
1-p-nitrophenyl-2-aminoethanol. Ukr. khim. zhur. 29   no.9:947-950
'63.   (MIRA 17:4)

1. Institut organicheskoy khimii AN UkrSSR.

SOKOL'SKAYA, Ye.V.; VISNEVSKAYA, G.L.; YEGOROV, A.S.

Application of paper chromatography for the identification of esters and aldehydes. Report No.3. Trudy UkrNIISP no.9:38-44 '64. (MIRA 17:10)

YAGUPOL'SKIY, L.M.; VISHNEVSKAYA, G.O.; KAGANOVSKAYA, M.I.

Analogs of syntomycin containing trifluoromethyl-, mercapto-,
and trifluoromethylsulfonyl groups. Zhur. ob. khim. 33 no.8:
2721-2723 Ag '63.   (MIRA 16:11)

1. Institut organicheskoy khimii AN UkrSSR.

VISHNEVSKAYA, G.F.

Paramagnetic relaxation in gadolinium nitrate solutions.
Dokl. AN SSSR 157 no.3:650-652 Jl '64.   (MIRA 17:7)

1. Kazanskiy fiziko-tekhnicheskiy institut AN SSSR. Predstav-
leno akademikom B.A. Arbuzovym.

V, Shnevskaya, G. F.

82009
S/056/60/038/02/04/061
B006/B011

24.2200

AUTHORS: Tishkov, P. G., Vishnevskaya, G. P.

TITLE: Paramagnetic Relaxation in Manganese Salt Solutions

PERIODICAL: Zhurnal eksperimental'noy i teoreticheskoy fiziki, 1960,
             Vol. 38, No. 2, pp. 335 - 340

TEXT: The authors measured the paramagnetic absorption in parallel and
perpendicular fields in aqueous manganese salt solutions at concentra-
tions of 0.25 mole/liter and more. In the paper under review, they re-
port on the method applied and results obtained. Measurements were made
with a Q-meter described in a previous paper (Ref. 1). It had already
been shown there that the spin - lattice relaxation time ρ_L and the

constant b/c in liquid electrolyte solutions can be determined with a
Q-meter by measuring χ'' at two frequencies, in which case it is neces-
sary to effect a correction for spin - spin absorption according to
I. G. Shaposhnikov (Ref. 3). For this purpose, the absorption in zero
fields is measured and compared with that in perpendicular fields; it

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Paramagnetic Relaxation in Manganese Salt
Solutions

is furthermore assumed that the spin - spin absorption in fields
$\cong$ 1,500 oe be negligibly small. Measurements were made at frequen-
cies of 12, 21, 32, and 42 Mc/sec. All frequency combinations were used
for the determination of ρ_L, except 32 with 42 Mc/sec, as these are

much too similar. The calculated mean values of ρ_L for $MnSO_4$

(1 mole/liter, 22°C) are given in Table 1 (in the dimension 10^{-8} sec)
for 7 field strength values between 1,200 and 3,600 oe. The values are
between 1.18 $\pm$ 0.14 and 1.93 $\pm$ 0.05. The deviation of the values from
the mean value is $\pm6\%$. The values of b/c for $MnSO_4$ solution

(3.2 moles/liter, 22°C) are given in Table 2: b/c lies on an average at

$(2.48 \pm 0.18) \cdot 10^{-6}$, the deviation of the values from the mean value
amounts to $\sim \pm 10\%$. This is illustrated by Fig. 1 which shows the
curves $\chi''(H)$ in $MnSO_4$ (3.2 moles/liter, 300°K) at all of the four fre-

quencies. The experimental ρ_L values of aqueous solutions of $Mn(NO_3)_2$,

$MnSO_4$, and $MnCl_2$ are with 10^{-8} sec of the same order as with solid

Card 2/4

Paramagnetic Relaxation in Manganese Salt
Solutions

S/056/60/038/02/04/061
B006/B011

82009

substances. The function $\rho_L(H)$ is well reproduced by the formula by
Brons-Van Vleck, as is shown in Fig. 2 by a comparison between experi-
mental and theoretical curves for manganese nitrate, -sulfate, and
-chloride solution (2 moles/liter). Fig. 3 illustrates the dependence
of ρ_L on the type of anion and the concentration N, of Mn^{++} ions in
aqueous solutions of these salts. ρ_L is found to grow with increasing
dilution, especially in manganese chloride solutions. At low concentra-
tions the difference of the ρ_L values of the three solutions decreases.

The rules observed are explained by the theory formulated by
S. A. Al'tshuler and K. A. Valiyev (Ref. 7), in the same way as the
temperature dependence of ρ_L, which was experimentally investigated in
manganese nitrate solution (2 moles/liter) at -2, +22, and $+58^\circ C$. More-
over, the dependence of the internal field constants b/c on the type of
anion and on N was also investigated. It was found (Fig. 4) that b/c
rises practically linearly with N, the fastest in the case of chloride,
the slowest with nitrate. Fig. 4 illustrates, for $MnCl_2$, the concentra-

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Paramagnetic Relaxation in Manganese Salt   S/056/60/038/02/04/061
Solutions   B006/B011

tion dependence of ΔH, ρ_L, and ρ_S (spin-spin relaxation time). The
paramagnetic resonance absorption line width ΔH and the relaxation
times $_L$ and $_S$ are linked by the relation $\Delta H \approx 1/\rho_S + 1/\rho_L$. It fol-
lows from the results obtained that the investigation of ρ_L in electro-
lyte solutions permits the determination of the structure of such solu-
tions. The authors finally thank B. M. Kozyrev for guidance and as-
sistance given, as well as B. K. Silant'yeva for having taken part in
the experiments. A. I. Rivkind is mentioned. There are 5 figures,
2 tables, and 12 references: 9 Soviet, 1 American, 1 German, and
1 French.

Card 4/4

DAVYDOVA, M.M.; VISHNEVSKAYA, I.I.; CHUMAK, M.M., red.; MATVEYEVA, M.M.,
tekhn. red.

[Industrial hygiene on dairy farms] Sanitarnye usloviia truda na
molochnotovarnykh fermakh. Moskva, Medgiz, 1961. 52 p.
(MIRA 14:12)

(DAIRY INDUSTRY—HYGIENIC ASPECTS)

CHUMAK, M.M.; VISHNEVSKAYA, I.I.

Medical service for the rural population of the U.S.S.R. Med. sestra 20
no.7:3-7 Jl '61.

(MIRA 14:10)

1. Iz Instituta organizatsii zdravookhraneniya i istorii meditsiny
imeni N.A.Semashko Ministerstva zdravookhraneniya SSSR, Moskva.
(PUBLIC HEALTH, RURAL)

VISHNEVSKAYA, I.I., kandidat meditsinskikh nauk; BOLDYREVA, V.V.

Experience of the Kalinin Province Public Health Department in the
organization of the work of the feldsher-midwife centers and in the
advanced training of subprofessional medical personnel. Zdrav. Ros.
Feder. 4 no.2:37-40 F '60.   (MIRA 13:5)

1. Iz Instituta organizatsii zdravookhraneniya i istorii meditsiny
imeni N.A. Semashko i Kalininskoy oblastnoy bol'nitsy (glavnyy vrach
A.A. Sokolov).
        (KALININ PROVINCE--MEDICINE--STUDY AND TEACHING)
          (KALININ PROVINCE--PUBLIC HEALTH)

VISHNEVSKAYA, I.I.

In the collegium of the R.S.F.S.R. Ministry of Public Health Improve
medical service for workers and employees in the chemical industry.
Zdrav.Ros.Feder. 3 no.1:38-39 Ja '59.   (MIRA 12:2)
     (CHEMICAL INDUSTRIES--EMPLOYEES--MEDICAL CARE)

VISHNEVSKAYA, I.T., Cand Med Sci -- (diss) "On the characteristics of functional disorders of the liver in brucellosis." Stalinabad, 1959, 10 pp (Stalinabad State Med Inst im Abuali ibn-Sino) 220 copies (KL, 36-59, 118)

- 82 -

VISHNEVSKAYA, I.V.

Characterics of the organic matter of meadow-Chestnut soils;
in connection with their systematic position. Pochvovedenie
no.11:49-57 N '59.   (MIRA 13:4)

1. Pochvennyy institut im. V.V.Dokuchayeva AN SSSR.
              (Soils)   (Humus)

VISHNEVSKAYA, L.N.

Clinical aspects of mental disturbances in Vilyui encephalomyelitis.
Report no.1. Vop. psikh. i nevr. no.5:29-37 '59.   (MIRA 14:5)

1. Iz 3-y psikhiatricheskoy kliniki (zav. - prof. Ye.S.Averbukh)
Psikhonevrologicheskogo instituta imeni V.M.Bekhtereva (direktor -
chlen-korrespondent Akademii pedagogicheskikh nauk RSFST prof.
V.N.Myasishchev).
          (ENCEPHALOYMELITIS)   (MENTAL ILLNESS)

VISHNEVETSKAYA, L. O.

Vishnevetskaya, L. O. "The pathogenesis of serious diphtheria," Trudy VI Vsesoyuz. sIyezda det. vrachey, posvyashch. pamyati prof. Filatova, Moscow, 1948, p. 304-07

SO: U-3264, 10 April 1953, (Letopis 'Zhurnal 'nykh Statey, No. 3, 1949)

VISHNEVETSKAYA, L. O.

32755. Morfocogichyeskiye izmeneniya v legkikh pri dizenterii, pediatriya, 1949,
No. 5, s. 60-63

SO: Letopis' Zhurnal'nykh Statey, Vol. 44, Moskva, 1949

VISHNEVETSKAYA, L. C.

"Pathogenesis of 'Hypertoxic' Forms of Diphtheria." Sub 24 Apr 51,
Central Inst for the Advanced Training of Physicians.

Dissertations presented for science and engineering degrees in
Moscow during 1951.

SO: Sum. No. 480, 9 May 55

VISHNEVETSKAYA, L.O., doktor meditsinskikh nauk

Pathogenesis of hypertoxic forms of dysentery. Pediatriia no.4:
20-24 Jl-Ag '54. (MLRA 7:10)

1. Iz patomorfologicheskoy laboratorii Nauchno-issledovatel'skogo
pediatricheskogo instituta RSFSR (zav. laboratoriyey L.O.Vishne-
vetskaya)
      (DYSENTERY, in infant and child,
         hypertoxic forms)

VISHNEVETSKAYA, L.O., doktor meditsinskikh nauk; CHERNIKOVA, A.P.

Pathogenesis of secondary toxicoses in dysentery in infants. Pedia-
triia no.2:28-32 Mr-Ap '55.   (MLRA 8:8)

1. Iz Nauchno-issledovatel'skogo pediatricheskogo instituta Minis-
testva zdravookhraneniya RSFSR (dir. V.N. Karachevtseva)
        (DYSENTERY, BACILLARY, in infant and child,
            with toxicosis)
        (INFANT NUTRITION DISORDERS,
            toxicosis in dysentery)

VISHNEVETSKAYA, L.O.; MIZHABADZE, G.I.

Clinical morphological changes in lungs in sepsis of the
newborn. Soob. AN Gruz. SSR 30 no.3:373-378 Mr '63.

(MIRA 17:6)

1. Tbilisskiy gosudarstvennyy institut usovershanstvovaniya
vrachey. Predstavleno akademikom A.D. Zurabashvili.

VISHNEVETSKAYA, L.O., doktor med. nauk

Morphology of some forms of pneumonia in children. Pediatriia
41 no.11:79-85 N'62   (MIRA 17:4)

1. Iz patomorfologicheskoy laboratorii (zav. - doktor med. nauk
L.O.Vishnevetskaya) TSentral'nogo nauchno-issledovatel'skogo
pediatricheskogo instituta (dir. - doktor med. nauk. A.P.Chernikova)
i prozektury Detskoy klinicheskoy bol'nitsy imeni Rusakova (glav-
nyy vrach - zasluzhennyy vrach RSFSR dotsent V.A. Kruzhkov).

VISHNEVETSKAYA, L.O.,prof.

All-Union Conference of Pathologoanatomists. Vop.okh.mat.i det.
7 no.12:86 D'62.   (MIRA 16:7)
            (PATHOLOGY—CONGRESSES)

VISHNEVETSKAYA, L.O.,doktor med.nauk; VOYT,Ye.B.; KATYSHEVA, A.V.;
RABINOVICH, D. Ya; FRIDMAN, E.Ye.; SHALEVICH, M.A.

Morphology of intestinal diseases caused by pathogenic strains
o? Escgerichia coli in children a few months old. Pediatria 38
no.4:27-31 Apr '60.   (MIRA 16:7)
                    (ESCHERICHIA COLI)

VISHNEVETSKAYA, L.O.;VOIT, Ye.B.; KATYSHEVA, A.V.

Morphology of intestinal disease in children in the first
months of life caused by pathogenic strains of Escherichia
coli. Pediatriia 38 no.1:27-31 '60.   (MIRA 13:10)
        (ESCHERICHIA COLI) (INTESTINES—DISEASES)

VISHNEVETSKAYA, L.O., doktor meditsinskikh nauk

Morphological changes in the central nervous system in various forms of dysentery in children. Vop.okh.mat. i det. 1 no.2:45-53 Mr-Ap '56.   (MIRA 9:9)

1. Iz Gosudarstvennogo nauchno-issledovatel'skogo pediatricheskogo instituta Ministerstva zdravookhraneniya RSFSR (dir. V.N.Karachev-tseva) Moskva.
        (DYSENTERY)   (NERVOUS SYSTEM--DISEASES)
        (CHILDREN--DISEASES)

VISHNEVETSKAYA, L.O.; VOYT, Ye.B.; KATYSHEVA, A.V.

Morphological changes in the lungs in Pneumocystis carinii pneumonia.
Pediatriia 37 no.9:31-32 S '59.   (MIRA 13:2)

1. Iz patologoanatomicheskogo otdeleniya (zaveduyushchiy - doktor
med.nauk L.O. Vishnevetskaya) Detskoy klinicheskoy bol'nitsy No.2
imeni Rusakova (glavnyy vrach - zasluzhennyy vrach RSFSR dotsent
V.A. Kruzhkov).
            (PNEUMONIA INTERSTITIAL PLASMA CELL pathol.)

VISHNEVETSKAYA, L.O., doktor med. nauk

Picture of morphological changes in the upper respiratory tract and lungs in virus influenza in young children [with summary in English]. Pediatriia 37 no.3:58-62 Mr '59.   (MIRA 12:4)

1. Po materialam prozektur Detskoy klinicheskoy bol'nitsy No.2 imeni I.V. Rusakova (glavnyy vrach - zasluzhennyy vrach respubliki dots. V.A. Kruzhkov) i TSentral'nogo nauchno-issledovatel'skogo pediatricheskogo instituta Ministerstva zdravookhraneniya RSFSR (dir. - kand. med. nauk V.N. Karachevtseva).
        (INFLUENZA, in inf. & child
            morphol. changes in upper resp. tract & lungs (Rus))

Vishnevetskaya, L.O.

VISHNEVETSKAYA, L.O., doktor meditsinskikh nauk

Course of the development of pathological anatomy of childhood diseases in the U.S.S.R. Pediatriia 35 no.12:34-40 D '57. (MIRA 11:2)
        (PEDIATRICS) (ANATOMY, PATHOLOGICAL)

NIKOLAYEV, A.F.; USHAKOV, S.N.; VISHNEVETSKAYA, L.P.; VORONOVA, N.A.

Preparation and properties of copolymers of vinyl alcohol and vinylamine. Vysokom.soed. 5 no.4:547-551 Ap '63.   (MIRA 16:5)

1. Leningradskiy tekhnologicheskiy institut imeni Lensoveta.
(Vinyl alcohol) (Vinylamine) (Polymers)

VishNeVetShAyA, L. P.

AID Nr. 980-15   31 May

COPOLYMERS OF VINYL ALCOHOL AND VINYLAMINE (USSR)

Nikolayev, A. F.; S. N. Ushakov, L. P. Vishnevetskaya, and N. A. Voronova.
Vysokomolekulyarnyye soyedineniya, v. 5, no. 4, Apr 1963, 547-551.
S/190/63/005/004/011/020

Copolymers of vinyl alcohol and vinylamine (I) of varying compositions and the general formula

$$\left[-CH_2 - \underset{OH}{CH} - \right]_a - \left[-CH_2 - \underset{NH_2}{CH} - \right]_n$$
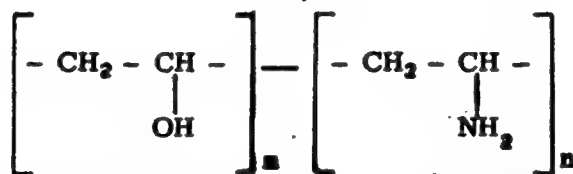
were prepared by reacting copolymers of vinyl acetate and N-vinylphthalimide with hydrazine hydrate at 85 to 110°C for 2 to 6 hrs, depending on the N-vinyl-phthalimide content of the intial copolymer. Final products containing more than 10% I were isolated by precipitating them twice from water solution poured into alcohol, and those with a higher I content, by Reynolds' method.

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AID Nr. 980-15   31 May

COPOLYMERS OF VINYL ALCOHOL [Cont'd]   8/190/63/005/004/011/020

The final copolymers are solids soluble in solvents which will dissolve poly-
vinyl alcohol.   Copolymers containing 12 to 44 mol % I have the following
properties: glass transition temperature, 57 to 46°C; softening point, 125 to
100°C; Vicat softening point, 84 to 74°C; bending strength, 200 to 500 kg/cm²;
and Vickers hardness, 14 to 19 kg/mm². The glass transition temperature,
heat resistance, and softening point of the copolymers drop with an increase
of the amino group content. The study was carried out at the Leningrad Tech-
nological Institute imeni Lensovet.   [BAO]

Card 2/2

NIKOLAYEV, A.F.; USHAKOV, S.N.; VISHNEVETSKAYA, L.P.; VORONOVA, N.A.;
    RODINA, E.I.

Copolymerization of vinyl acetate and vinylphthalimide.
Vysokom.soed. 4 no.7:1053-1059 Jl '62.   (MIRA 15:7)

1. Leningradskiy tekhnologicheskiy institut imeni Lensoveta.
    (Vinyl acetate) (Phthalimide) (Polymerization)

41422

|5 *50*

AUTHORS: Nikolayev, A. F., Ushakov, S. N., Vishnevetskaya, L. P.,
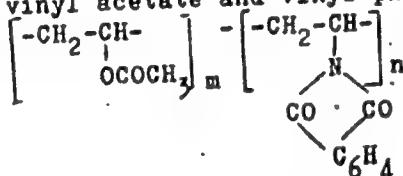   Voronova, N. A.

TITLE: Properties of copolymers of vinyl acetate with vinyl
             phthalimide

PERIODICAL: Vysokomolekulyarnyye soyedineniya, v. 4, no. 10, 1962,
             1541-1546

TEXT: Copolymers of vinyl acetate and vinyl phthalimide (VPI) with the
general composition $\left[-CH_2-CH- \atop \qquad OCOCH_3\right]_m - \left[-CH_2-CH- \atop \qquad\right]_n$ were studied to determine

their solubility in different organic solvents, their molecular weight,
vitrification temperature, Vicat heat resistance, softening point, impact
strength, bending strength, and water adsorption. Copolymers obtained by

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Properties of copolymers of l...

simultaneous charging of the components in bulk or in solution, contained
an excess of VPI - VPI bonds. Compensation copolymerization yielded
copolymers with a low content of such bonds differing by their thermo-
mechanical behavior. Results: (1) The solubility in solvents in which
polyvinyl acetate is soluble, decreased as the VPI content increased;
(b) the intrinsic viscosity decreased as the VPI content increased. The
molecular weight of copolymers containing little VPI was determined

from $[\eta] = 1.6 \cdot 10^4 \bar{M}_w^{-0.7}$, where $[\eta]$ was measured in acetone, at 25°C, and

$\bar{M}_w$ is the average-weight molecular weight. $\bar{M}_w$ of copolymers containing

14% VPI was 148100, and 146200 for 23% VPI. (3) An increase in the VPI
content raised the softening point, Vicat heat resistance, and glass
temperature ($^\circ$C), respectively: 0 mole% VPI: 60, 37, 28; 20 mole% VPI:
75, 66, 41; 56 mole% VPI: 163, 108, 62; 98 mole% VPI: 210, 182, 135.
(4) For copolymers containing 0, 23, 56, 70, and 98% VPI, the specific
gravity (g/cm^3) was 1.190, 1.220, 1.230, 1.235, 1.245, respectively; the
water adsorption within 24 hrs (%) was 1.60, 0.7, 0.42, 0.40, and 0.39%,
respectively. The Vickers Hardness number (kg/mm^2) was 16-18, 15-19,
15-18, 16-19, and 18-20, respectively; the bending strength
Card 2/3

Properties of copolymers of ...   S/190/62/004/010/009/010
                                                   B101/B186

(kg/cm^2) was 530, 270, 160, 230, and 515, respectively, and the impact
strength (kg/cm^2) was 2.6, 1.5, 1.1, 1.2, and 3.5, respectively. All
samples were hardly inflammable and very stable to gasoline and lubricating
oils. A minimum of mechanical properties was observed at a VPI content
of 50-60%.

ASSOCIATION: Leningradskiy tekhnologicheskiy institut im. Lensoveta
                (Leningrad Technological Institute imeni Lensovet)

SUBMITTED: June 22, 1961

Card 3/3

KROMAIEV, A.A.; VIShln.Shaia, ...A.;

Changes in basic electrolyt- metabolism ... the
organs of the chest cavity and in the ...
Eksper. khir. i anest. 9 no.6:... N:D 1...

1. Klinika fakul'tetskoy khirurg i (... . ....rov)
sanitarno-gigiyenicheskogo fakul'teta i ...
Lenina meditsinskogo instituta ... 1...

VISHNEVSKAYA, M.A.

Prevention of atelectasis during lung surgery. Eksp.
khir. i anest. 8 no.5:79-84 S-D '63.   (MIRA 17:6)

1. Klinika fakul'tetskoy khirurgii (zav.- prof. I.S. Zhorov)
sanitarno-gigiyenicheskogo fakul'teta I Moskovskogo ordena
Lenina meditsinskogo instituta imeni I.M. Sechenova.

MALOMUZH, F.F.; VISHNEVSKAYA, N.A.

Plastic operation on the sound conducting apparatus in children; tympanoplasty in children. Trudy gos. nauch.-issl. inst. ukha, gorla i nosa no.11:223-232 '59.

(MIRA 15:6)

1. Iz otdeleniya detskogo vozrasta Gosudarstvennogo nauchno-issledovatel'skogo instituta ukha, gorla i nosa.
(TYMPANAL ORGAN--SURGERY)

PETROVICH, Yu.A.; MIKHNEVA, N.Ye.; VISHNEVSKAYA, N.B.

Secretion of bromine ($NaBr^{82}$, KBr^{82}) in conditioned and
unconditioned salivation. Biul. eksp. biol. i med. 52
no.9:69-72 S '61.   (MIRA 15:6)

1. Iz Ukrainskogo nauchno-issledovatel'skogo instituta
stomatologii (direktor A.I. Marchenko) i Odesskogo nauchno-
issledovatel'skogo psikhonevrologicheskogo instituta (direktor
A.G. Leshchenko), Odessa. Predstavlena deystvitel'nym chlenom
AMN SSSR A.V. Lebedinskim.
                    (BROMIDES IN THE BODY)
             (CONDITIONED RESPONSE)   (SALIVA)

TUZOV, N., inzh.; VINOKUROV, B., inzh.; VISHNEVETSKAYA, R.

What haulage should be centralized? Avt. transp. 43 no.1:
11-13 Ja '65.   (MIRA 18.3)

1. Ministerstvo avtomobil'nogo transporta i shosseynykh dorog
RSFSR (for Tuzov, Vinokurov). 2. Transportnoye upravleniye
Severo-Kavkazskogo soveta narodnogo khozyaystva (for
Vishnevetskaya).

VISHNEVETSKAYA, S.G., inzh.

        Henna, its properties and uses. Masl.-zhir.prom. 23 no.2:30-32
        F '62.   (MIRA 15:5)

        1. Fabrika "Svoboda".

                                  (Henna)

STOLBOVA, A.; UMAROVA, M.U.; UVAROVA, A.I.; VISHNEVETSKAYA, Ye.A.
TETENKO, N.I., meditsinskaya sestra.

Nurses' councils. Med. sestra 22 no.6:42-45 Je'63.(MIRA 16:9)

1. Predsedatel' Soveta meditsinskikh sester Vladimirskoy ob-
lastnoy bol'nitsy. Detskaya bol'nitsa No.3 Tashkentskoy zhe-
leznoy dorogi (for Umarova). 2. Glavnyy vrach Detskogo kostno-
tuberkuleznogo sanatoriya No.2, Dnepropetrovsk (for Uvarova).
3. Detskoye otdeleniye Krasnodarskoy krayevoy klinicheskoy
bol'nitsy imeni prof. S.V.Ochapovskogo (for Tetenko).
                (NURSES AND NURSING)

VISHNEVETSKAYA, Ye.M., kand.med.nauk

Extensive radical amputation of the mammary gland with excision
of the parasternal lymphatic chain in cancer; immediate results.
Khirurgiia no.8:52-56 Ag '62.   (MIRA 15:5)

1. Iz khirurgicheskogo otdeleniya kliniki (zav. - dotsent M.A.
Kantrovich [deceased]) Khar'kovskogo instituta meditsinskoy radio-
logii.
          (BREAST—CANCER)   (BREAST—SURGERY)

VISHNEVSKAYA, I.I.; TRUSOVA, I.F.

New data on the geology of the Zhaksy-Arganaty Mountains (northern Ulu-Tau). Izv.vys.ucheb.zav.; geol.i razv. 5 no.6:18-27 Je '62.
(MIRA 15:7)

1. Moskovskiy geologorazvedochnyy institut imeni S. Ordzhonikidze.
(Ulu-Tau—Geology)

SMIRNOVA, L.A. (Dnepropetrovsk, Komsomol'skaya ul. d.5, kv. 67).;
VISHNEVETSKAYA, Ye.A.

Significance of vitamin B_{12} in the compound treatment of osteochondropathy of the caput femoris. Ortop., travm. i protez. 26 no.7:13-16 Jl '65.
(MIRA 18:7)

1. Iz kliniki travmatologii i ortopedii (zav. - prof. L.A.Smirnova)
Dnepropetrovskogo meditsinskogo instituta (rektor - prof. N.Ya.
Khoroshmanenko) i detskogo kostnotuberkuleznogo sanatoriya (glavnyy vrach -
N.S.Chernushenko).

SHINKARENKO, A.; VISHNEVSKIY, A.; KHARCHENKO, L., red.;
KOBYL'NICHENKO, A., tekhn. red.

[Mud therapy at Caucasian Mineral Waters] Griazelechenie
na Kavkazskikh mineral'nykh vodakh. Stavropol', Knizhnoe
izd-vo, 1963. 54 p.   (MIRA 17:3)

VISHNEVSKIY, A.A., prof. Laureat Leninskoy premii; PROTOPOPOV, S.P., prof., zasluzhennyy deyatel' nauki RSFSR; ARSHINOVA, M.N., kand.med. nauk

On the 60th birthday of Professor N.I.Krakovskii. Sovet. med.
27 no.9:148-149 S'63   (MIRA 17:2)

1. Deystvitel'nyy chlen AMN SSSR (for Vishnevskiy).

BR

ACCESSION NR: AP4028551 S/0191/64/000/004/0037/0043

AUTHOR: Vishnevskiy, G. Ye.; Lozinskiy, M. G.

TITLE: Durability of VFT-S and KAST-V glass cloth samples on flex testing under conditions of unidirectional heating

SOURCE: Plasticheskiye massy*, no. 4, 1964, 37-43

TOPIC TAGS: glass cloth, flex test, unidirectional heat, VFT-S glass cloth, KAST-V glass cloth, durability, life, strength, deformation, stability, stress limit, critical deflection, IMASh-11 test unit, flexing breakdown mechanism

ABSTRACT: The strength of VFT-S and KAST-V glass cloth sheets heated on one side to 1000C at temperature increase rates of up to 50 degrees per second was tested on a unit designed by the authors (Ustanovka IMASh-11 dla izucheniya prochnostny*kh i deformatsionny*kh svoystv listovy*kh konstruktsionny*kh plastmass v usloviyakh odnostoronnego vy*sokotemperaturnogo nagreva. Izd. TsITEIN, 1963. "IMASh-11 unit for testing strength and deformation properties

Card 1/3

ACCESSION NR: AP4028551

of sheet plastics under conditions of unidirectional high-temperature heating.")
Depending on their thickness, these fiberglass samples withstood stresses of
500 kgs/cm^2 for 30 to 120 seconds when heated at a rate of 10 and 25 degrees/
second. In flex tests under unidirectional heating, when the stress is toward the
heater, the sample life is longer than when stress is away from the heater. The
relationship between the life (τ) of the samples and the level of the initial esti-
mated stress in the limits of 10 to 120 seconds on the time scale is characteriz-
ed with sufficient accuracy by the expression $\tau = A - B\sigma_0$. It is assumed that if
the heating conditions are not stationary, causing structural changes in the ma-
terial, the given relationship can differ from the known time-strength relation-
ship at constant temperature. With the help of motion pictures it was establish-
ed that sample breakdown on flexing takes place in two stages. In the first stage
the preliminary elastic-plastic deformation under the action of the normal tensile
forces of compression of the surface subjected to heat causes the "critical de-
flection" of the samples. In the second stage, after the "critical deflection" is
exceeded, the stability of the layers of the compression zone is lost, character-
ized by the formation of the shifted folds directed at an angle of about 45° to the

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ACCESSION NR: AP4028551

plane of the cross section of the sample.   Orig. art. has: 8 figures, 3 tables and
3 equations.

ASSOCIATION: None

SUBMITTED: 00   DATE ACQ: 28Apr64   ENCL: 00

SUB CODE: MA   NO REF SOV: 011   OTHER: 001

Card   3/3

Vishnevetskiy, A,

AID P - 1074

Subject   : USSR/Aeronautics

Card 1/1   Pub. 58 - 4/19

Author   : Vishnevetskiy, A., Kand. of Tech. Sci.

Title   : Flight instruments (speedometer, altimeter and variometer)

Periodical : Kryl. rod., 12, 5-7, D 1954

Abstract   : Description, operation, diagrams, formulae.

Institution : None

Submitted   : No date

VISHNEVETSKIY, A., kandidat tekhnicheskikh nauk.

Piloting instruments (speedometer, altimeter and variometer).
Kryl.rod. 5 no.12:5-7 D '54.   (MLRA 7:12)
        (Aeronautical instruments)

KOSAREV, A., master-povar; KUPRIYANOVA, V.; VISHNEVETSKIY, A.

Role of the head cook in production. Obahchestv.pit. no.2:27-28 F '63.
(MIRA 16:4)

1. Zaveduyushchiy proizvodstvom stolovoy No.3, Volzhskiy, Volgogradskoy obl.
(for Kosarev). 2. Instruktor-kulinar Gor'kovskogo oblastnogo upravleniya
torgovli (for Kupriyanova). 31. Inspektor obshchestvennogo pitaniya
gorodskogo prodovol'stvennogo snabzheniya, Bodaybo, Yakutskaya ASSR
(for Vishnevetskiy).

(Restaurant management)

VISHNEVSKIY, A.A., general-polkovnik meditsinskoy sluzhby, prof.; SHRAYBER,
    M.I., general-mayor meditsinskoy sluzhby, prof.; BRAYNES, S.N., prof.

Cybernetic methods in the prognosis of burn sickness. Voen.-med. zhur.
no.6:9-11 '64.   (MIRA 18:5)

VISHNEVETSKIY, Aleksandr Il'ich; SERGIYENKO, Ivan Stepanovich; STERLIGOV,
V.L., inzhener-mayor, red.; KRASAVINA, A.M., tekhn. red.

[Paratetron; new switching elements]Parametron; novye perekliuchaiushchie
elementy. Moskva, Voen. izd-vo M-va obor. SSSR, 1961. 66 p.
(MIRA 14:8)

(Electronic digital computers) (Switching theory)

31081.   VISHNEVETSKIY, A.M. AND GOLEMBA, P. I.

K voprosu o limfangiektaziyakh kozhi, Vestnik venerologii i Dermatologii,
1949, No. 5. s. 51-53.--Bibliogr:s. 53

VISHNEVETSKIY, A M.

VISHNEVETSKII, A. M., FANDEEV, L. I.

Dermatitis, resembling scarlet fever, caused by Spongilla
fluviatilis. Sovet Med. No. 11, Nov. 50. p. 27-8

1. Of the Skin Clinic (Head — Prof. L. N. Mashkilleyson),
Central Skin-Venereological Institute (Director — Candidate
Medical Sciences N. M. Turanov), Ministry of Public Health SSSR.

CLML 20, 3, March 1951

VISHNEVETSKIY, B.

Device for measuring the parameters of transistors. V pom.
radioliub. no.14:19-26 '63.   (MIRA 16:11)

VISHNEVETSKIY, B.S., inzh.

Pulse device for measuring the welding current of resistance welding machines. Svar. proizv. no.1:29-30 Ja '64.
(MIRA 17:1)

1. Rostovskiy-na-Donu institut sel'skokhozyaystvennogo mashinostroyeniya.

VISNYEVECKIJ, F. [Vishnevetskiy, F.]

Radio amateur movement in the Soviet Union. Radiotechnika 13 no.11:416-417 N '63.

1. Szovjet "Radio" foszerkesztoje.

VISHNEVETSKIY, F.Ye.

Pathological morphology of the poisoning of fishes with phenol
and water-soluble components of crude petroleum, coal tar and
mazut. Trudy Astr. zap. no.5:350-352 '61.   (MIRA 16:8)
    (Water--Pollution) (Fishes--Diseases and pests)

VISHNEVETSKIY P.

PA 194T104

USSR/Radio - Clubs
"Elektrosila" Plant

Aug 51

"Decisions of Accounting and Elective Meetings and Conferences Must Be Fulfilled in a Bolshevist Manner," F. Vishnevetskiy, Cen DOSARM Committee

"Radio" No 8, pp 4-5

Accomplishments of DOSARM clubs in 1950 summarized: DOSARM workers of the Leningrad "Elektrosila" plant voluntarily undertook to provide a "material base" sufficient to enable each DOSARM member to acquire 1-2 military or engineering specialties in 1951. In rural

194T104

USSR/Radio - Clubs (Contd)

Aug 51

radiofication work in 1950, DOSARM amateurs built and installed about 65,000 receivers, 472 wired radio centers, and 30,000 loud-speakers, and repaired 10,000 receivers, 163 wired radio centers, and 6,500 speakers. Defects in club work noted.

194T104

1. VISHNEVSKIY, F. I.

2. USSR (600)

4. Retail Trade

7. Improving the work of outlet stores. Vin. SSSR 12 no. 11, 1952.

9. Monthly List of Russian Accessions, Library of Congress, March 1953. Unclassified.

BRUMSHTEYN, M.S.; VISHNEVETSKIY, F.Ye.; GORBUNOV, K.V.; KOBLITSKAYA, A.F.;
KRINITSKIY, V.V.; KUROCHKIN, Yu.V.; MOSKALENKO, A.V.

Causes of mass disease of the common carp in the Volga Delta;
preliminary report. Vop.ikht. no.14:175-181 '60.   (MIRA 13:8)

1. Astrakhanskiy gosudarstvennyy zapovednik i kafedra patologi-
cheskoy anatomii Astrakhanskogo meditsinskogo instituta.
     (Volga Delta--Carp--Diseases and pests)
     (Water--Pollution)

KRENKEL', E., Geroy Sovetskogo Soyuza; VISHNEVETSKIY, F.; TARIVERDIYEV, D.,
kand. tekhn. nauk; KARAYANIY, V.; TOVMASYAN, L., nauchnyy rabotnik
(Yerevan); ROBUL, B.; VOZNYUK, V.; YEREMIN, N., radiolyubitel'
(Moskva); MATLIN, S., inzh.; BORNOVOLOKOV, E., inzh.; GONCHAROV, V.;
GRIF, A.; MSTISLAVSKIY, A.

Works and needs of radio amateurs. Radio no.7:1-3 '64.

(MIRA 18:1)

1. Predsedatel' prezidiuma Federatsii radiosporta SSSR (for Krenkel').
2. Glavnyy redaktor zhurnala "Radio" (for Vishnevetskiy). 3. Chlen
Bakinskogo radio-kluba (for Tariverdiyev). 4. Predsedatel' L'vovskoy
oblastnoy sektsii radiosporta (for Karayaniy). 5. Nachal'nik Donetskoy
shkoly radioelektroniki (for Robul). 6. Predsedatel' soveta Novo-
sibirskogo oblastnogo radiokluba (for Voznyuk). 7. Spetsial'nyy
korrespondent "Pravdy" (for Goncharov). 8. Spetsial'nyye korrespondenty
zhurnala "Radio" (for Grif, Mstislavskiy).

VISHNEVETSKIY, F.Ye.

Cardiac changes in craniocerebral trauma. Vop.neirokhir. 20 no.2:
30-34 Mr-Ap '56.   (MLRA 9:7)

1. Iz II oblastnoy klinicheskoy bol'nitsy Astrakhani
        (BRAIN, wounds and inj.
            exper., eff. on heart)
        (HEART, in various dis.
            epser, brain inj., exper.)
        (WOUNDS AND INJURIES
            brain, eff. on heart)

BRUMSHTEYN, M.S.; VISHNEVETSKIY, F.Ye.; KRINITSKIY, V.V.

Problem of morphological changes in diseases of fish. Arkh.pat.
22 no.9:50-56 '60.   (MIRA 13:12)
          (FISHES--DISEASES AND PESTS)

VISHNEVETSKIY, F. Ye., Cand of Med Sci -- (diss) "On the changes in the heart after a trauma of the skull (experimental investigation)."

Smolensk, 1957, 18 pp (Smolensk State Medical Institute), 250 copies

(KL, 32-57, 97)

VINNIK, L.A., kand.med.nauk; VISHNEVETSKIY, F.Ye.; MINSKAYA, N.M.; PESCHANSKIY, V.S.

Effect of phthivazid on the cardiovascular system in tuberculosis.
Vrach. delo no.1:95-96 '59.   (MIRA 12:4)

1. Kafedra fakul'tetskoy terapii (zav. - prof. D.G. Oystrakh) i
kafedra patologicheskoy anatomii (zav. - prof. M.S. Brumshteyn)
Astrakhanskogo meditsinskogo instituta.
        (ISONICOTINIC ACID)   (CARDIOVASCULAR SYSTEM)

VISHNEVETSKIY, F.Ye.; LETICHEVSKIY, M.A.

A case of jaundice in migratory sturgeons [with summary in English].
Zool. zhur. 38 no.4:631 Ap '59.   (MIRA 12:5)

1.Caspian Research Institute of Fisheries and Oceanography (Astrakhan),
the Hospital of Lenin District of the Town of Astrakhan.
            (Volga River—Sturgeons—Diseases and pests)
            (Jaundice)

VISHNEVETSKIY, G.D., dots., kand.tekhn.nauk

Theory of the variation of strength of porous solids containing bound water. Nauch.dokl.vys.shkoly; stroi. no.1:164-171 ' 58.
(MIRA 12:1)

1. Rekomendovana kafedroy soprotivleniya materialov Leningradskogo inzhenerno-stroitel'nogo instituta.
(Solids)

AUTHOR: Vishnevetskiy, G. D.

TITLE: The Elastic Equilibrium of a Cylindrical Rod in a Frictionally-resisting
            Medium (Uprugoye ravnovesiye tsilindricheskogo sterzhnya v srede,
            soprotivlyayushcheysya treniyem)

PERIODICAL: Nauch. tr. Leningr. inzh.-stroit. in-ta, 1956, Nr 23, pp 154-170

ABSTRACT: The paper analyzes the axisymmetric stress distribution in a solid
            cylinder (rod) under the effect of tangential stresses along its lateral
            surface. It is assumed that the tangential stresses created by the
            forces of friction are in direct ratio to the axial displacement of a
            point

$$\tau = - \varkappa q w \qquad (1)$$

            where $\varkappa$ is the coefficient of proportionality (the friction modulus)
            and q is the pressure on the surface of the rod. The stress function
            is assumed in the form of

$$\phi = (A \sinh \beta z + B \cosh \beta z)[\eta \beta r I_1 (\beta r) + I_0 (\beta r)], \qquad (2)$$

            the coefficient η whereof is found from the condition that the radial

Card 1/3   stress σ_r goes to zero on the lateral surface of the cylinder ($r = b$).

The Elastic Equilibrium of a Cylindrical Rod in a Frictionally-resisting Medium

The author fails to note that the latter condition contradicts equation (1), in accordance with which it should be assumed that

$$\sigma_r(b) = -q$$

The solution obtained by the author actually refers to a case when

$$\tau = -kw, \quad q = 0 \tag{3}$$

where k is a coefficient of proportionality. The parameter β in the equation (2) is determined from condition (1), which leads to a transcendental equation. The constants A and B are found from the condition

$$N = 2\pi \int_0^b r \sigma_r \, dr$$

where N is the resultant of the external forces upon the end faces of the rod. The tangential stresses at the end faces of the rod are not determined. The following problems are solved: 1) A finite-length cylinder is tensioned by axial forces applied to the cylinder's end faces; 2) a semi-infinite cylinder is tensioned by axial force, and 3) a finite-length cylinder is uniformly heated. On the premise of a small value of the parameter βb ($\beta b < 0.2$) it may be considered that the sections

Card 2/3

SOV/124-57-8-9272

The Elastic Equilibrium of a Cylindrical Rod in a Frictionally-resisting Medium

of the rod remain plane. The author points out that for practical problems (a pipe-line laid in the ground) the parameter βb is small. The author also adduces approximate solutions which are obtained in the case when the hypothesis of plane sections is assumed from the outset. Such solutions naturally coincide with the exact solutions if the values of the parameter βb are small. It should be pointed out that similar solutions have been analyzed with respect to the theory of threaded connection with a distributed load along the connection. The paper submits the solution of a problem on the heating of a finite-length cylinder in a medium the tangential resistance of which is subject to the relationship

$$\frac{1}{x_0} \frac{\partial \tau}{\partial t} + \frac{1}{x_\infty} \tau = - q \left(\frac{\partial w}{\partial t} + \lambda w\right) \tag{4}$$

where x_0, x_∞, and λ are constants determined from friction tests. The author fails to mention that the solution neglects the inertial terms, while at the same time he examines a case when the temperature rises to a certain point instantly.

I. A. Birger

Card 3/3

SOV/124-58-3-3582

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 3, p 138 (USSR)

AUTHOR: Vishnevetskiy, G. D.

TITLE: Introduction of Factors of Shrinkage and Swelling of Concrete Into the Theory of Deformation (Vvedeniye v tekhnicheskuyu teoriyu deformatsiy usadki i nabukhaniya betona)

PERIODICAL: V sb.: 15-ya nauchn. konferentsiya Leningr. inzh.-stroit. in-ta, Leningrad, 1957, pp 356-363

ABSTRACT: A body of concrete is assumed to be homogeneous with respect to processes of hydration, diffusion of moisture, and thermal conductivity. It is also assumed to be isotropic, quasihomogeneous, and porously-solid. The physicochemical state of the concrete may be described with the aid of the following four parameters: The temperature, the contents of firmly and loosely held water, and the content of free water. The last three parameters are expressed as fractions of the water-cement ratio. The process of shrinkage is expressed as a linear function of the difference between the initial and the final moisture-cement ratios. Expressions for design-calculation values are given in a general form. The

Card 1/2

SOV/124-58-3-3582

Introduction of Factors of Shrinkage and Swelling (cont.)

equations contain many coefficients the derivation methods of which are not shown.

A. Ye. Desov

Card 2/2

VISHNEVETSKIY, Georgly Davidovich; PANIVAN, P.S., red.; TELYASHOV,
R.Kh., red.izd-va; BELOGUROVA, I.A., tekhn. red.

[Calculations of the strength of concrete subject to heat
treatment] Raschet prochnosti betona pri ego termoobrabotke.
Leningrad. Pt.1. [Growth of concrete strength] Narastanie
prochnosti betona. 1963. 35 p. Pt.2. [Thermal stresses in
hardening slabs subject to heat treatment] Temperaturnye na-
priazheniia v termoobrabatyvaemykh tverdeiushchikh plitakh.
1963. 31 p.   (Concrete curing)   (MIRA 16:6)

124-57-2-2441

Translation from: Referativnyy zhurnal, Mekhanika, 1957 Nr 2, p 132 (USSR)

AUTHOR: Vishnevetskiy G. Г.

TITLE: Temperature Stresses in a Pipe Line Undergoing Heating in a
            Viscously Yielding Ground (Temperaturnyye napryazheniya v
            truboprovode, nagrevayemom v vyazkosoprotivlyayushchemsya
            grunte)

PERIODICAL: Nauchn. tr. Leningr. inzh.-stroit. in-ta, 1956, Nr 23,
            pp 55-66

ABSTRACT: See RZhMekh, 1956, 4841

            1. Pipelines--Thermal stresses

Card 1/1

VISHNEVETSKIY, G. D.

124-58-9-10655

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 9, p 169 (USSR)

AUTHOR: Vishnevetskiy, G. D.

TITLE: Introduction into the Engineering Theory of the Growth and
             Shrinkage of Concrete (Vvedeniye v tekhnicheskiyyu teoriyu
             deformatsiy nabukhaniya i usadki betona)

PERIODICAL: Sb. nauchn. tr. Leningr. inzh. -stroit. .in-t, 1957, Nr 26,
             pp 181-214

ABSTRACT: Bibliographic entry. Ref. sb.: 15-ya nauchn. konferentsiya
             Leningr. inzh. -stroit. in-ta, Leningrad, 1957, pp 356-363;
             RzhMekh, 1958, Nr 3, abstract 3582

             1. Concrete--Stresses   2. Engineering--Theory

Card 1/1

VISHNEVETSKIY, G. D., KAND. TEKHN. NAUK.

LENINGRADSKIY INZHENERNO-STROITEL'NYY INSTITUT

METODIKA RASCHETA TONKOSTENNYKH REL'SFORM.   PAGE 34

SO: SBORNIK ANNOTATSIY NAUCHNO-ISSLEDOVATEL'SKIKH RABOT PO STROITEL'STVU,
      MOSCOW, 1951

1. VISHNEVETSKIY, G. D.

2. USSR (600)

4. Heating from Central Stations

7. Calculating the strength of centrally reinforced foam concrete pipe lines. Elek. sta. 23 no.12 1952.

9. Monthly List of Russian Accessions, Library of Congress, __April__ 1953, Uncl.

VISHNEVETSKIY, G. D.

VISHNEVETSKIY, G. D.   Calculating the Strength of Spirally-Reinforced Foam-Concrete
Pipes of Heating Pipe-Lines Directly Laid in the Ground(Raschet
Prochnosti Tsentral(no-Armirovannykh Armopenobetonnykh Trub dlya
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M. G. Moore

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